

Design and dimensions shown may be changed without prior notice

// ROV OPERATION

**Marine high pressure hydraulic - 350 bar (5000 psi)**

Tube: oil and biodegradable hydraulic fluid resistant polyamide 11 methanol washed.

Reinforcement: high tensile aramid reinforcement.

Cover: oil, water and ozone resistant polyurethane, non-pin-pricked.

Application: marine and off-shore equipment, ROVs (remotely operated vehicles), BOP valves.

Suitable for off-shore seismic monitoring operations.

Manufactured according to API 17E / ISO 13628-5.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F)
air and water max T = +70 °C (+160 °F)

Length: random

DH SCAN crimp short code: OFSM5K

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
5,0	3/16"	9,6	0,38	350	5000	1400	20000	30	1,18	0,060	0,05
6,0	1/4"	12,1	0,48	350	5000	1400	20000	50	1,97	0,090	0,07
10,0	3/8"	17,1	0,67	350	5000	1400	20000	60	2,36	0,170	0,12
13,0	1/2"	21,9	0,86	350	5000	1400	20000	80	3,15	0,250	0,17
19,0	3/4"	29,6	1,17	350	5000	1400	20000	150	5,91	0,400	0,27
25,0	1"	38,6	1,52	350	5000	1400	20000	250	9,84	0,685	0,47

Recommended fitting: AISI 316 SS NPTF male, JIC female and male // Also available in 3000 psi version.

// R8 MARINE

**Marine high pressure hydraulic - from 140 to 420 bar (2000 to 6000 psi)**

Tube: oil and biodegradable hydraulic fluid resistant polyester.

Reinforcement: high tensile aramid reinforcement.

Cover: oil, water and ozone resistant polyurethane, pin-pricked.

Application: marine and off-shore equipment, cranes, marine, transport systems.

Off-shore seismic monitoring operations.

Also recommended for general on-shore equipment, in high humidity environment.

Meets or exceeds SAE 100R8.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F)

limited to +70 °C (+158 °F) for air and water based fluids

Notes: Recommended Fittings: AISI 316 SS: NPTF male, JIC female and male.

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
5,0	3/16"	8,9	0,35	350	5000	1400	20000	30	1,18	0,055	0,04
6,0	1/4"	11,5	0,45	350	5000	1400	20000	50	1,97	0,085	0,06
8,0	5/16"	13,4	0,53	300	4300	1200	17450	55	2,17	0,105	0,08
10,0	3/8"	15,5	0,61	280	4000	1120	16000	60	2,36	0,135	0,10
13,0	1/2"	19,9	0,78	245	3500	980	14000	80	3,15	0,200	0,14
16,0	5/8"	23,4	0,92	200	2900	800	11650	125	4,92	0,250	0,17
19,0	3/4"	26,9	1,06	165	2400	660	9600	150	5,91	0,320	0,22
25,0	1"	34,2	1,35	140	2000	560	8000	200	7,87	0,430	0,29